

Sheet 1 of 8

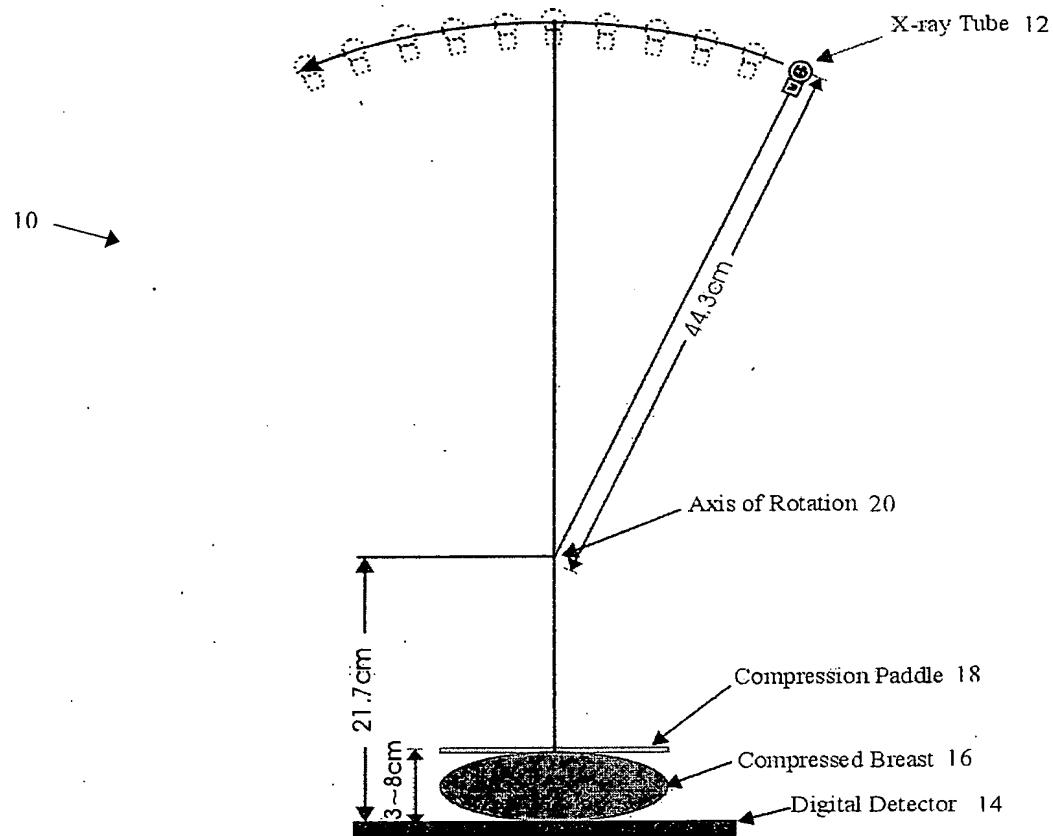


Figure 1A

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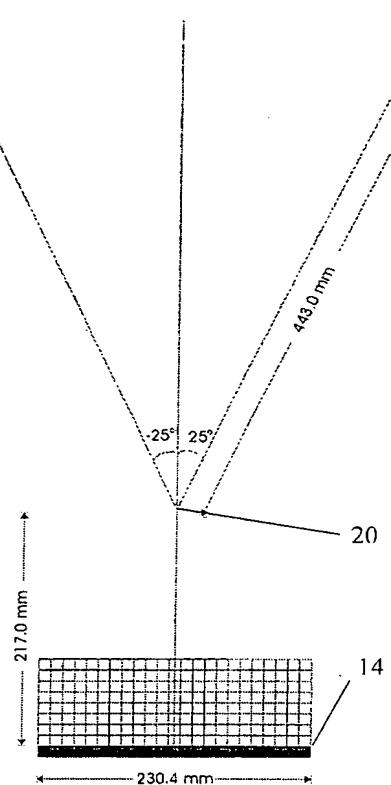
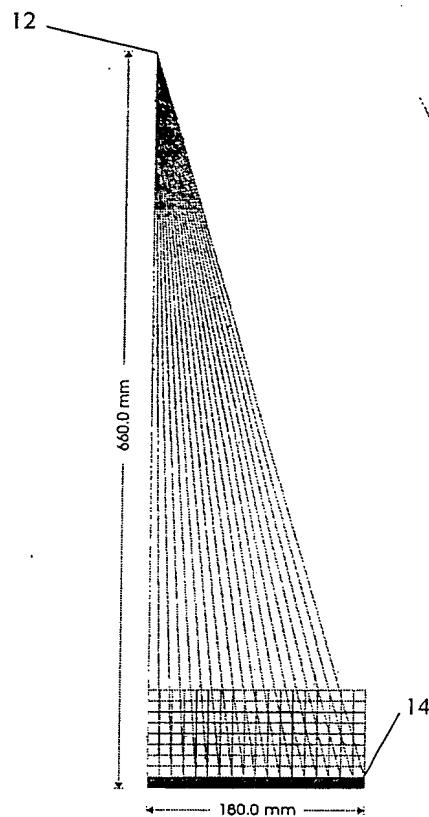


Figure 1B

Figure 1C

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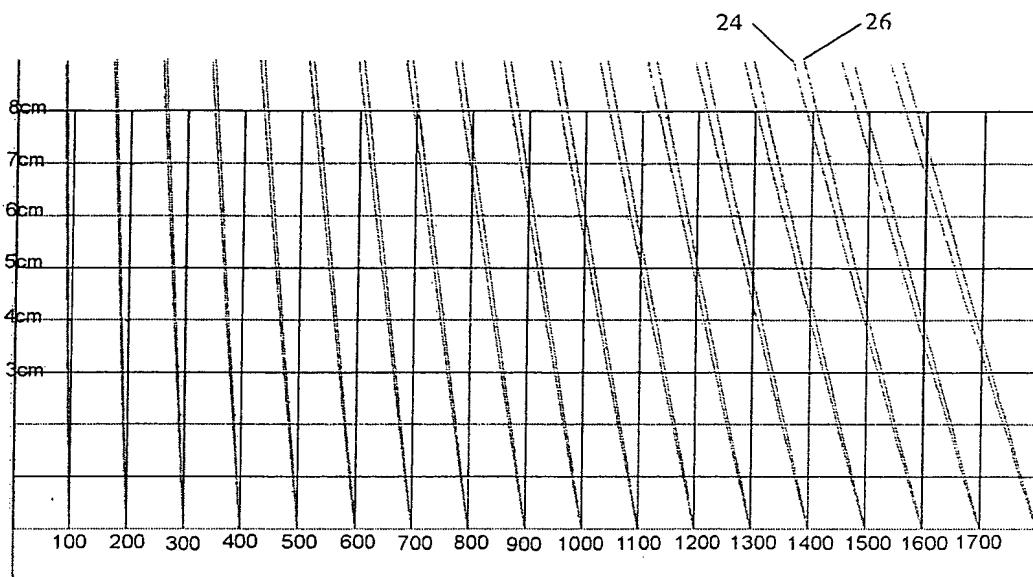


Figure 2

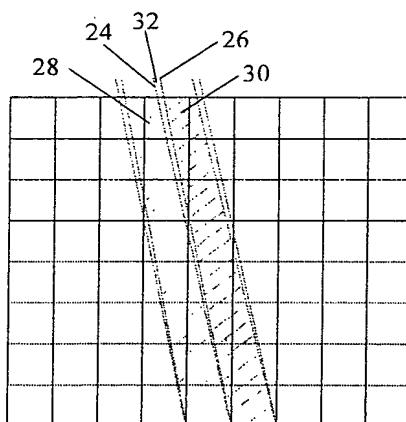


Figure 3A

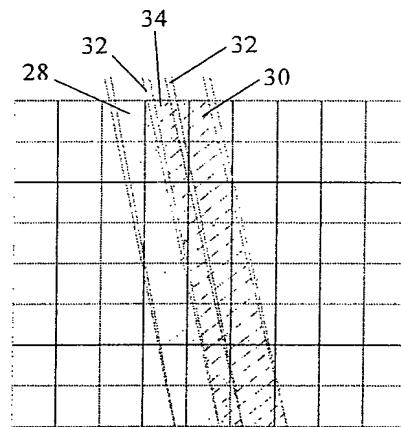


Figure 3B

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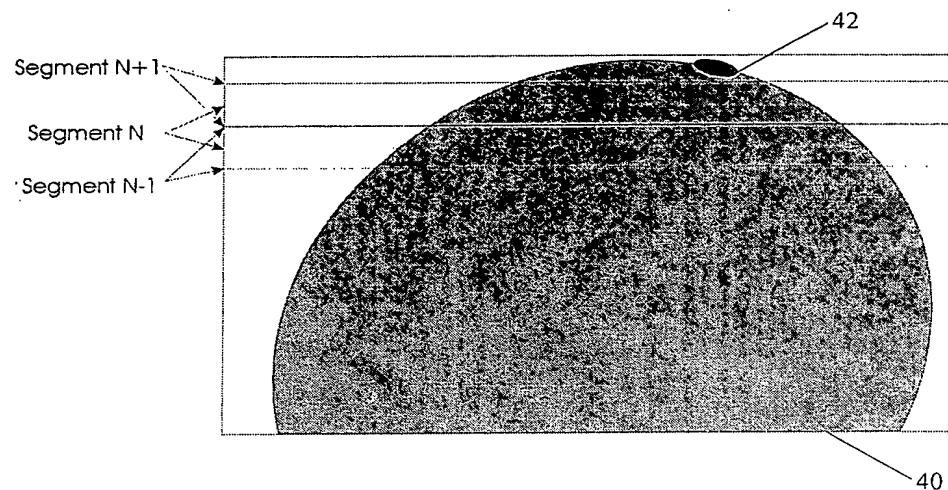
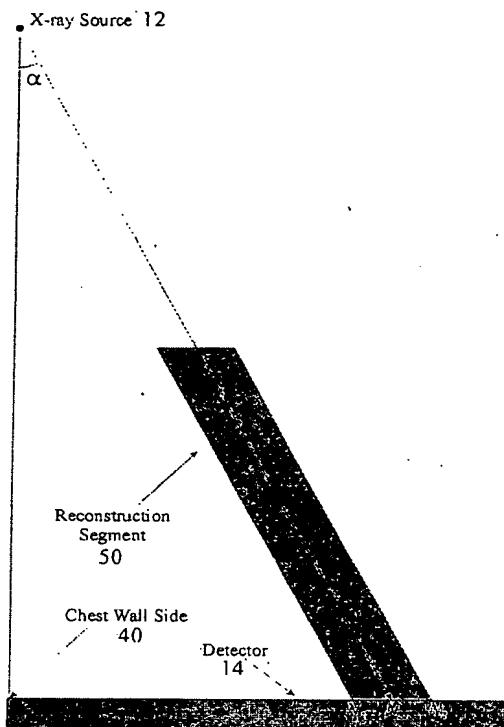


Figure 4

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Legend for Figure 5

N_1 : index of the first detector row in segment N

N_2 : index of the last detector row in segment N

N_c : index of the center row in segment N

$$N_1 = 25 \cdot N$$

$$N_2 = 25 \cdot N + 49$$

$$N_c = 25 \cdot N + 25$$

The slope of the volume is represented by α , the angle made by the detector plane and the line connecting the center of segment N and the X-ray source at 0° :

$$\tan(\alpha) = (N_c \cdot \Delta) / SD$$

Δ : detector pixel size

SD: source-to-detector distance

Figure 5

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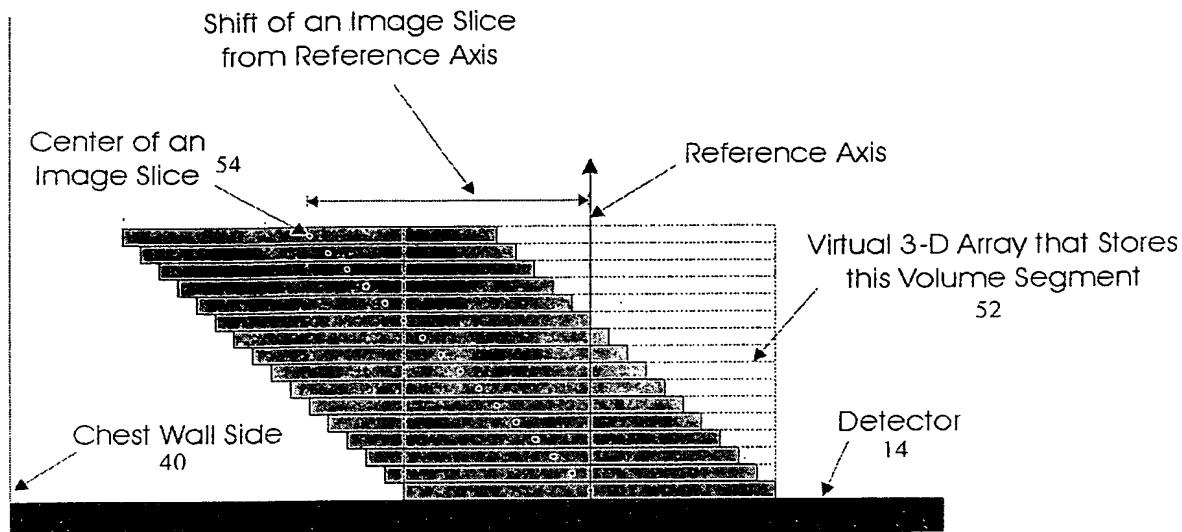


Figure 6

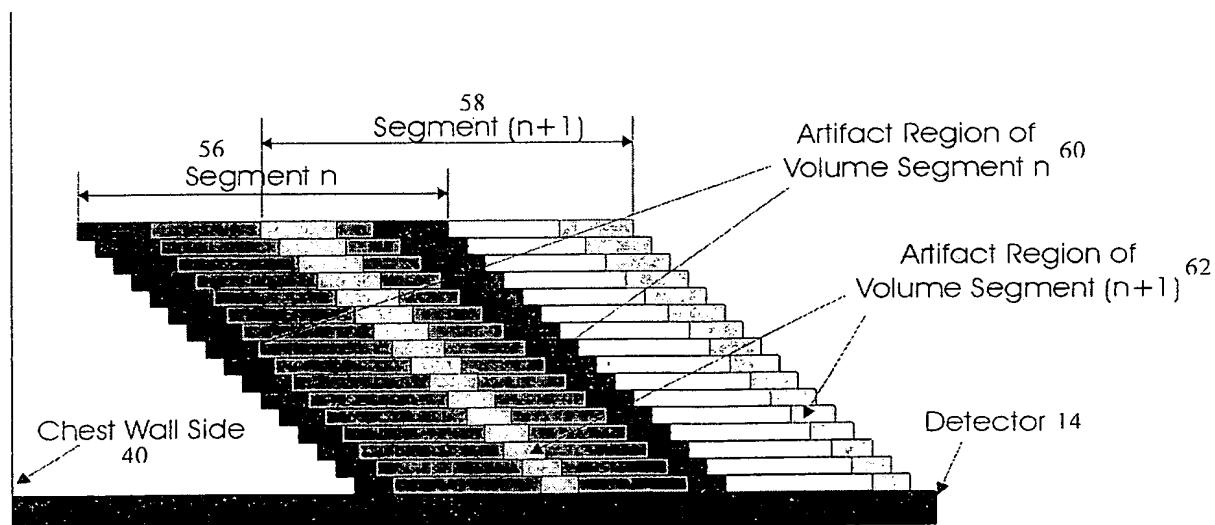
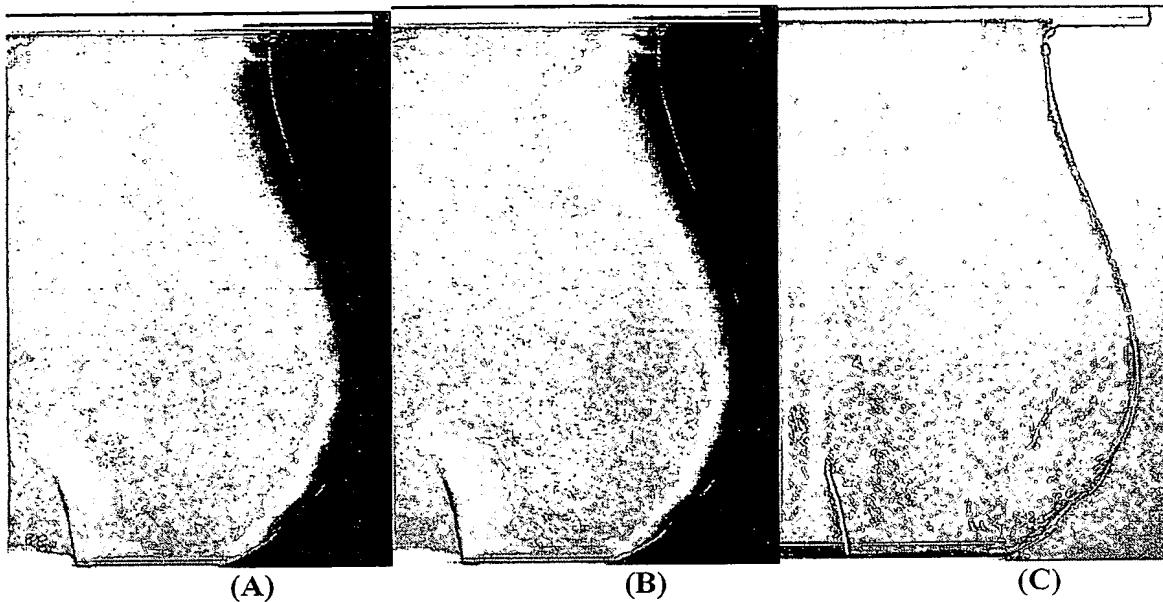
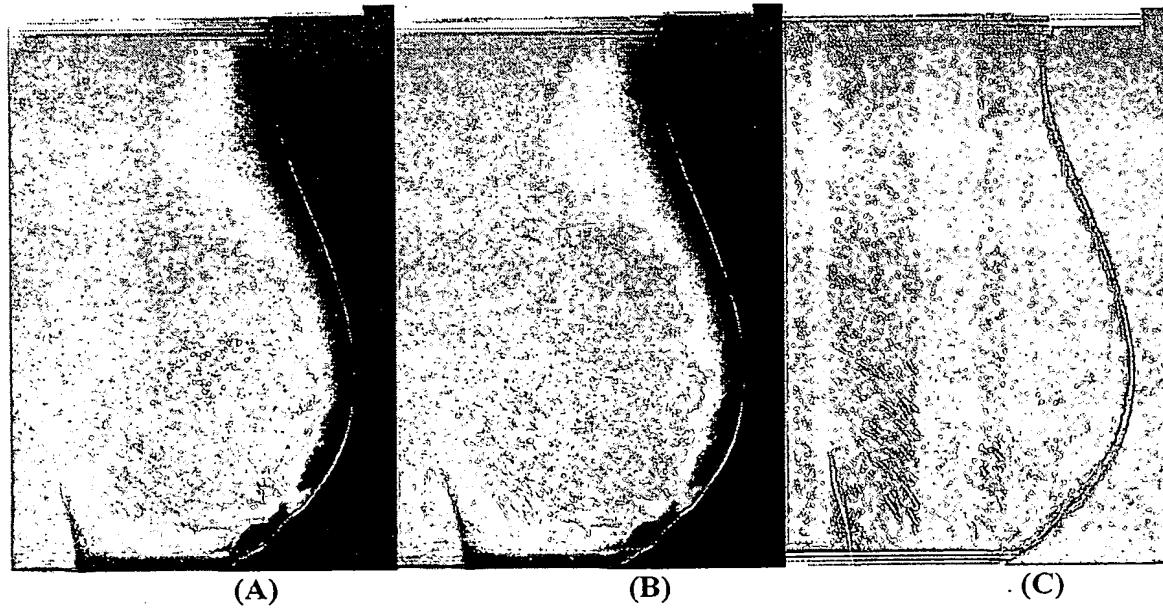


Figure 7

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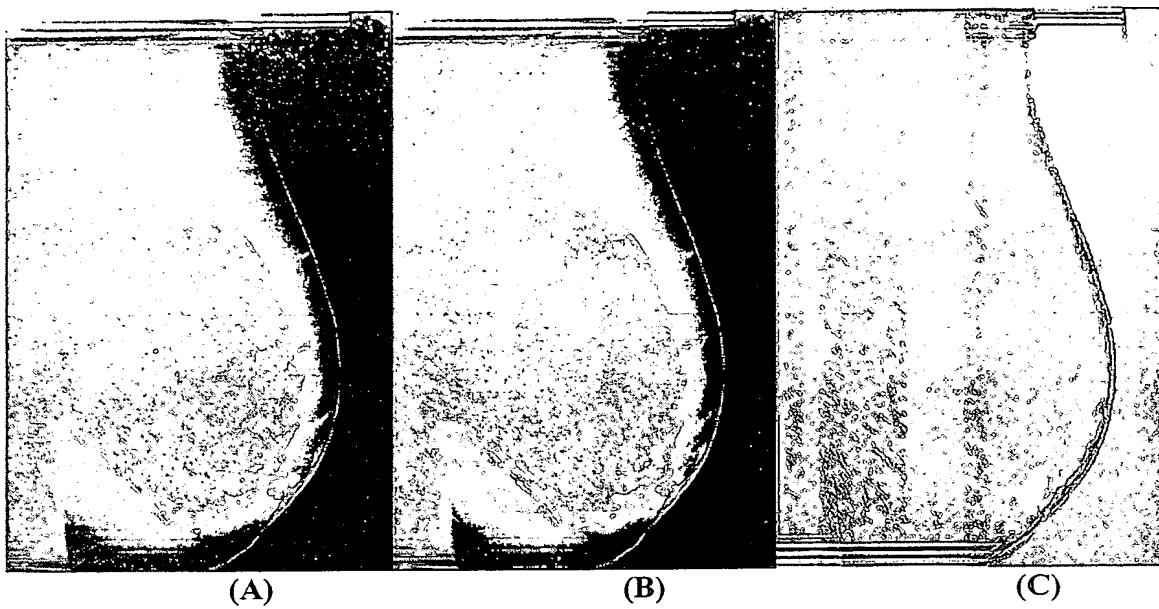
Figures 8A-C



Figures 9A-C

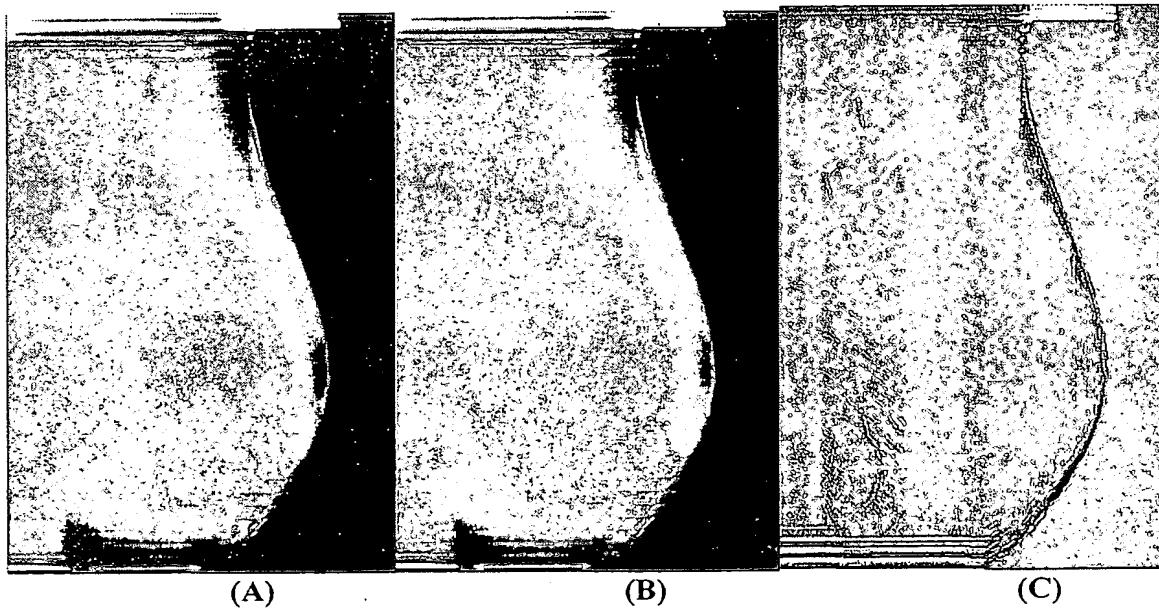
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Figures 10A-C

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Figures 11A-C